Site Id	WSDOT District	Road	Mile Post	Stream	Tributary to	WRIA	Feature Type	Fishway attached to the Feature	% Fish Pass	Significant Reach (>=200 m)	PI	Culvert No1	Shape	Material	Span (m)	Rise (m)	Length (m)	Bed Material Present	Water Surface Difference Drop (m)	Slope
991457	South Central	I-82	26.26	Unnamed	Yakima R	39.0002A	Culvert	No	67	Yes	7.03	1.1	RND	SPS	3.05	3.05	82.30	Unk	0.09	1.50
991073	South Central	I-82	68.32	Unnamed	Yakima R	37	Culvert	No	67	Yes		1.1	BOX	PCC	3.05	3.05		Unk		
990404	South Central	I-82	70.12	Unnamed	Yakima R	37	Culvert	No	67	Yes		1.1	RND	SPS	4.27	4.27		Unk		
991074	South Central	I-82	72.08	Unnamed	Yakima R	37	Culvert	No	33	Yes		1.1	RND	CST	1.20	1.20		Unk		
997806	South Central	I-82	72.38	unnamed	unnamed	37	Culvert	No	67	Yes										
997807	South Central	I-82	78.47	Unnamed	Unnamed	37	Culvert	No	67	Yes										
997808	South Central	I-82	80.32	Unnamed	Chandler Canal		Culvert	No	67	Yes										
992948	South Central	I-90	60.58	Unnamed	Keechelus Lk	39	Culvert	No	0	Yes	6.08	1.1	OTH	OTH	1.96	1.85	86.50	No	0.00	2.00
992950	South Central	I-90	61.34	Price Cr	Yakima R	39.1840	Culvert	No	0	Yes	6.42	1.1	BOX	CPC	3.09	3.06	81.69	No	0.36	4.04
992953	South Central	I-90	62.30	Unnamed	Yakima R	39	Culvert	No	33	No		1.1	RND	PCC	1.81	1.81	26.65	No	0.00	3.07
992954	South Central	I-90	62.30	Unnamed	Yakima R	39	Culvert	No	0	No		1.1	BOX	CPC	1.84	1.84	23.70	No	0.00	3.08
992955	South Central	I-90	62.71	Swamp Cr	Yakima R	39.1836	Culvert	No	33	Yes	17.22	2.2	BOX	CPC	2.45	1.84	67.66	No	0.15	1.20
992955	South Central	I-90	62.71	Swamp Cr	Yakima R	39.1836	Culvert	No	33	Yes	17.22	1.2	BOX	CPC	2.45	1.84	67.66	No	0.13	1.20
990378	South Central	I-90	70.90	Silver Cr	Yakima R	39.1713	Culvert	No	67	Yes	19.29	1.2	BOX	PCC	2.88	1.84	91.49	No	0.57	1.40
990378	South Central	I-90	70.90	Silver Cr	Yakima R	39.1713	Culvert	No	67	Yes	19.29	2.2	BOX	PCC	2.83	1.85	89.76	No	0.27	1.87
990891	South Central	I-90	74.90	Unnamed	Yakima R	39	Culvert	No	0	No		2.2	BOX	PCC	1.83	3.05	19.51	Unk	0.00	4.00
990891	South Central	I-90	74.90	Unnamed	Yakima R	39	Culvert	No	0	No		1.2	RND	CST	1.22	1.22	28.35	Unk	0.34	3.50
995465	South Central	I-90	88.42	Thorton Cr	Yakima R	39.1418	Culvert	No	0	Yes		1.1	RND	CST	0.91	0.91	141.22	No	0.00	10.30
991464	South Central	I-90	93.35	Morrison Canyon Cr	Yakima R	39.1230	Culvert	No	33	Yes	3.95	1.1	RND	SPS	1.22	1.22	79.25	Unk	0.00	1.00
990194	South Central	I-90	97.30	Unnamed	Taneum Cr	39	Culvert	No	0	Unknown		1.1	RND	CST	0.76	0.76	106.68	Unk	0.37	7.50
995459	South Central	I-90 Off Exit 8	0.28	Unnamed	Unnamed	39	Culvert	No	67	Yes		1.1	RND	PCC	1.90	1.90	53.44	No	0.15	0.60
990439	South Central	SR 241	8.80	Unnamed	Sulphur Cr Wstwy	37	Culvert	No	0	Yes		1.1	RND	PCC	1.22	1.22	40.90	No	0.82	0.93
990472	South Central	SR 410	80.20	Wash Cr	American R	38.1019	Culvert	No	0	Yes	11.89	1.2	RND	PCC	1.22	1.22	29.87	Unk	0.55	8.00
990472	South Central	SR 410	80.20	Wash Cr	American R	38.1019	Culvert	No	0	Yes	11.89	2.2	RND	PCC	1.22	1.22	29.87	Unk	0.55	8.00
990409	South Central	SR 410	82.80	Wash Cr	American R	38	Culvert	Yes	67	Yes	5.41	1.1	RND	CST	3.05	3.05	34.14	No		2.50
991461	South Central	SR 410	116.00	Unnamed	Naches R	38	Culvert	No	33	Unknown		1.1	RND	PCC	0.40	0.40	13.72	Unk	0.00	3.00
991456	South Central	SR 821	0.10	Unnamed	Yakima R	39.0002A	Culvert	No	33	Yes	8.84	1.1	RND	SPS	3.05	3.05	49.99	Unk	0.12	2.00
990183	South Central	US 12	168.30	Hause Cr	Tieton R	38.0251	Culvert	No	0	Yes	7.16	1.1	BOX	PCC	1.22	1.22	15.24	Unk	0.12	5.00
992140	South Central	US 12	168.56	Pine Cr	Tieton R	38.0250	Culvert	No	33	Yes	1.62	1.1	RND	PCC	0.84	0.84	17.71	No	0.00	2.14
992148	South Central	US 12	178.89	Bear Canyon Cr	Tieton R	38.0208	Culvert	No	0	Yes		2.2	BOX	PCC	1.21	1.25	16.79	No	1.07	2.50
992148	South Central	US 12	178.89	Bear Canyon Cr	Tieton R	38.0208	Culvert	No	0	Yes		1.2	BOX	PCC	1.21	1.25	16.79	No	1.07	2.50
990293	South Central	US 12	348.50	Mud Cr	Dry Cr	32.0956	Culvert	No	33	Yes	5.78	1.1	RND	CST	2.60	2.60	49.94	No	0.37	1.44
991746	South Central	US 12	390.59	Pataha Cr	Tucannon R	35	Culvert	No	33	Yes		1.1	ARCH	CPC	18.90	5.34	7.30	No	0.29	1.30
990189	South Central	US 97	37.14	Highbridge Springs	Satus Cr	37	Culvert	Yes	0	Yes	6.13	1.1	BOX	CPC	2.44	2.44	28.96	No		3.00
990129	South Central	US 97	143.25	Dry Cr	Yakima R	39.1049	Culvert	No	67	Yes		1.2	BOX	CPC	1.53	1.22	25.46	No	0.15	0.78
990129	South Central	US 97	143.25	Dry Cr	Yakima R	39.1049	Culvert	No	67	Yes		2.2	BOX	CPC	1.53	1.22	25.46	No	0.15	0.78
990130	South Central	US 97	144.89	Dry Cr	Yakima R	39.1049	Culvert	No	0	Yes		1.2	SQSH	CST	1.45	0.91	27.06	No	0.49	0.55
990130	South Central	US 97	144.89	Dry Cr	Yakima R	39.1049	Culvert	No	0	Yes		2.2	SQSH	CST	1.45	0.91	27.11	No	0.49	0.96

There are 1538 WSDOT barrier features inventoried as of March 2006. The number of records in this spreadsheet exceeds 1538 due to the existence of multiple pipes at some crossings, referred in this appendix as Culvert Numbers (see explanation below).

[1] The culvert number identifies individual culverts at multiple stream crossings. Format X.Y, where X = specific culvert number, and Y = total number of culvert at a crossing. For example, in a triple culvert crossing, the first pipe would be 1.3, the second 2.3, and the third 3.3.

Culvert Material

PCC - precast concrete
CST - corrugated steel
SST - smooth steel
CAL - Corrugated aluminum
SPS - structural plate steel
PVC - plastic
TMB - timber
MRY - masonry
OTH - other
SPA - structural plate aluminum
CPC - cast in place concrete

Culvert Shape:

ARCH - bottomless arch
SQSH - squash
RND - round
BOX - rectangular
ELL - ellipse
OTH - other

Road Fill Depth (m)
4.00
7.00
1.50
1.50
1.50
1.50
2.00
2.00
20.00
6.00
1.30
5.00
0.00
3.00
3.00
2.00
2.00